

ABSTRACT

Generating a data path macro cell based upon a text format template comprising variables. The system provides for creating a text format template by generating a text format representation of a data path macro cell based upon data
5 representing a graphical layout of the data path macro cell. Variables are substituted for constants. Variables are changed to values associated with a macro cell having desired characteristics to create a text format file representative of a desired macro cell. Graphical data representing the layout of a macro cell is generated based upon the text format file.